

ATARI® Computer Enthusiasts
P.O. Box 14959
Cincinnati, Ohio 45214

APRIL , 1983 VOL. I ISSUE 4

next meeting SATURDAY APRIL 16TH 2:00 p.m.

FIRST NATIONAL BANK IN NORWOOD

NOTE THAT THIS IS THE THIRD SATURDAY IN APRIL!

GETTING THERE: The First National Bank is located directly across the street from the Surrey shopping center in Norwood. This location is central to the tri-state area and easily accessable via the Interstate Highway. Follow I-75 or I-71 to the Norwood lateral and exit on Montgomery road. Go South to 4525 Montgomery road.

The meeting room is on the lower level and may be reached by entering the front of the bank building. Ample free parking is available.

We wish to thank the FIRST NATIONAL BANK for the use of this spacious facility.

#### PLEASE NOTE!

 $oldsymbol{A}$  consitutional committee is forming and they are in need of members that would enjoy giving their talents to help draft the document that will be so important to the future of this organization. The meeting will be on April 11th. Any member in good standing may participate in this process. If you wish to offer your services, please call the president Roger Miller at 521–2966. We will have the first reading of this document at the April club meeting. Please feel free to offer your thoughts and suggestions. If have skills in insurance or law, we would ask that you offer your comments to this committee very early in this process. (perhaps April 11th)

Now is the time to think about offering your help in any of a number of areas. If you enjoy the thought of making the club grow, the next meeting is where you can get started. The request for committee chairmen will also be brought to the attention of the membership in April. Get involved!

CLUB OFFICERS:

PRESIDENT VICE PRESIDENT SECRETARY, TREASURER ROGER MILLER
E. LANIER WALKER
SCOTT BROWN

MARCH 1983 — The March meeting had an unusually heavy load of old and new business to be taken care of. The highlights were:

Bruce Armstrong resigned as Vice President due to time schedule conflict and the vacancy was opened for general nominations. Two candidates were voted on - Jeff Gramke and E. Lanier Walker - with the majority vote going to E. Lanier Walker. Our thanks go to Bruce Armstrong for his help in getting CIN'TARI off the ground.

Paul Bruggeman is our new SIG chairman for Languages which takes some of the load off Alan Shrock who continues as Hardware Chairman.

Another bulk order for diskettes was taken at the meeting and they will be available for pick up at the April meeting. I also ordered an extra 12 boxes as extras which will also be available for sale at the April meeting for \$18.00 per box.

Since we were not able to reach an agreement with 3M, bulk purchasing of cassettes along with disks was not possible. For our cassette based members, I do have the name of a local supplier and anyone interested should contact me.

Mitch Cohen reported that his Basic I programming class was going well with about 60 people attending and had one more class to go for completion.

On that note, planning for Marty Plumbo's Advanced Basic class got under way and a class night of Friday evening at 7:30 was selected with classes running 2 Hrs. every other week for 2 months. A starting date and location will be available soon and will probably start soon after the April meeting. Pre-registration and payment of the \$10 instructor fee started after the March meeting and will continue through the April meeting. Those wishing to register by mail may do so by using our P.O.Box.

Hardware updates were given on the new Rana disk drive and on the Micro-Mainframe drives. Literature has yet to be received on either drive. Being the impulsive type who can't wait, I ordered a double drive, double density system from Micro- Mainframe which I should have for the April meeting.

Membership cards arrived and were distributed to those members in attendance. Those people who pay membership dues during a meeting will recieive their card during the next meeting to allow proper registration of their card.

Responding to a suggestion from the membership, every effort will be made to ensure that the meeting is set up early and will start at 2 P.M. Another suggestion from the membership concerned the availability of a published membership list which would also show special interests or abilities so that members would know who shared common interests and lived nearby. In order to produce such a list and still respect an individual's right to privacy, the April meeting will have a new format sign—in sheet which will contain a line for you to write in any special interests and will also contain a column to be checked off if you want your name and address to appear on the published list.

The program side of the meeting was done by Steve Kaufman who announced and demonstrated his new rewritten version of ATARI(r) DOS which will handle DOUBLE or single sided and double or single density drives. This new DOS is compatible with all types of files and eliminates the serious file-handling incompatibility that the new Percom DOS presents. Steve also demonstrated his Disk Doctor program again. The new Monarch Basic Compiler was also demonstrated and the resulting speed increase in program operation was amazing.

See you at the April meeting!

Scott Brown

#### \* \* PRESIDENTS CORNER\*\*\*

Hi! Welcome to the April 1983 issue of the CIN'TARI newsletter.

Not much to report this month. We have made progress on the library and now have guidelines provided by the Copyright office in Washington D.C..

The Chair is investigating a diskette made locally, with a leading manufacturer's stock. These diskettes are to be single side-double density and certified to quad-density for quality control purposes. There is a minimum of 500 pieces of media per order, which we have been ordering, but the price on that order would be \$1.65 per disk. The owner of the firm states that he has recorded approximately a 1 in 15,000 error factor. They also can supply ribbon and printer paper at a good price (e.g.) 201b. Letter Quality 9 1/2"X 11" 3000 sheet tractor perforated, for \$23.00 a carton.

We need volunteers for the CONSTITUTION and BY-LAWS committee.

We have received our diskettes from 3-M. They are packaged in two packs as promised. To be fair and equitable, we will furnish two packs to all members who were at the January '83 meeting who were then or are now paid members. This should take up most of the diskettes, nd we apologize for the wait.

We will be dividing the offices of RECORDING SECRETARY and TREASURER effective at the next meeting. Scott has agreed to stay on as RECORDING SECRETARY so we will entertain motions from the floor for TREASURER. Effective in April, Scott will be responsible for distribution of the membership cards. The new TREASURER will be responsible for dues collection. Due to this there will be no dues collection before the meeting.

There will be a reduction in dues for those paying dues in April. Since they will only be active for the remaining (9) months of this year, they will only have to pay \$7.50.

Thats about it for this month. See ya at the meeting.

bye

#### LIBRARY NEWS

An Executive Committee meeting was held on March 7th for the purpose of defining the CIN'TARI club library and the operating proceedures of it. After a full evening a discussion and evaluation of current information, we are pleased to announce that the library will become available starting with the April meeting. The results and proceedures of the meeting are as follows:

- 1.) The library will consist of public domain programs, member submitted programs that have been accurately typed in from magazines, original copyright software that has been either purchased or donated to the library, and paper documents such as technical documentation and magazines.
- 2.) The library contents will be available to paid club members and to other clubs that we might become affiliated with in a reciprocal library agreement.
- 3.) Original copyright software and paper documents will be loaned and signed out to members for a maximum time period of (1) month and depending on the popularity and demand may have a reduced time period of loan. Members borrowing original copyright software will be completely responsible for the safe-keeping and return of the software in a useable condition and will also be responsible for it's replacement in kind should it be damaged or lost.
- 4.) Public domain or user submitted programs typed in from magazines may be copied by the Librarian to member supplied disks at a club meeting as time permits or at some other mutually agreed upon time.
- 5.) Member submitted programs typed in from magazines should should be identical to the magazine article and include all credits and remarks. The source of the program must also be submitted to the Librarian. This is for everyone's legal protection.

#### NOT JUST FOR BEGINNERS ONLY

Well, I didn't receive any threatening mail from my first column so I'm going to press my luck this month. In coincidence with the graduation of a whole bunch of new programmers from the BASIC I class, I ran across this short program in Issue #35 of COMPUTE! Magazine which should serve as a final exam for the course. The program is short but must be typed in exactly as it appears. Try to figure out what it does before you RUN it.

- 10 DIM DIM\$(1):GRAPHICS 23
- 20 FOR X=20 TO 59:READ DIMS:COLOR ASC(DIMS)
- 30 PLOT X,0:DRAWTO X,91:NEXT X
- 40 XIO 12, #6, 237, 91, "\*= LABEL"
- 50 XIO 3,#6,44,1,"SAVE D:TEST"
- 60 GOTO 60
- 70 DATA B,B,D,E,H,K,L,L,N,O,P,R,T
- 80 DATA B,B,E,J,J,K,L,L,L,L,L,N,N
- 90 DATA A,B,D,F,G,G,J,J,K,K,L,N,O,P

Scott Brown

#### THE TRADING POST -- BUY, SELL, OR SWAP

Classified ads are free of charge to paid members. Anyone wishing to place an ad can bring a written copy of the ad to a meeting or can send it to our P.O. Box.

ATARI 400 with 48K and Basic Cartridge - also aditional 32K card available - contact Garrett Curtis at 871-7718 eve.

ATARI 800 with 32K, 810 Disk Drive, 410 Recorder, paddles, joysticks, and 23 software programs - \$1000 for entire package or make offer on individual pieces - contact Nan Morton at 530-3186 days or 777-4117 eve.

Looking to buy - ATARI 800 and 810 Disk Drive - contact David Stevens at 831-7555

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6.) There will be preprinted library request forms available at each meeting for member use. These request slips should be filled out and given to the Librarian before the start of the meeting so that similar requests can be organized and library requests filled as quickly as possible.

Attached to this newsletter is a listing of currently available library material for your convenience. There may be some confusion and delays as things work themselves out at the start but should run smoothly soon. As always, any suggestions or help is wanted and definitely appreciated.

Scott Brown

If you have written an original program that you think would be of interest to others, there are several places available to you for publishing.

B.J. SMARTWARE (alias - Steve Kaufman) would be interested in talking to you.

Carl Kuhn, Pres. of Accounting Machine Corp. has informed us he would also like to talk to software authors.

We have also received a letter and sample application form from Micro Education Corporation of America, 285 Riverside Ave., Westport, CT 06880. These people are also interested in software authors and can be contacted by letter or by calling (203) 222-1000 and asking for Fred Isbell. Their letter and application is in our files.

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#### SIGnature

And just when you thought it was safe...I'm back. I thought that I'd just ramble around a little this month (why break the trend?).

First, a little something for BASIC A+ fans. If you have tried using machine language strings in a program only to have BASIC A+ frown on the contents of the string, try SET 5,1. The explanation that I received goes like this. Since BASIC A+ allows lowercase commands, occassionally a machine language string that would be accepted by ATARI BASIC will not be welcomed by BASIC A+. Using this SET command will cause BASIC A+ to see the string in exactly the same way ATARI BASIC sees it. Yes, BASIC does look at the contents of strings. With this (poor) explanation in mind, consult your documentation, it should help to clarify things. No problem, glad to be of help.

How about something for all the ATARI MICROSOFT BASIC fans? Okay, if you insist. I ran across a few cute user defined functions that can be a real help if you use MICROSOFT. The first is DEF  $FNROUND(X,N) = INT(X/10^N+0.5)*10^N$ . This will round X to the Nth decimal place. For example, FNROUND(X,-2) will round to the nearest hundredth, while FNROUND(X,6) rounds to the nearest million (great for government work). DEF FNROUND\$(X,N)=STR\$(FNROUND(X)) does the same thing as the above function, except it returns the result in a string. When you are doing data file manipulation, the function DEF FNV(A\$,S,L)=VAL(MID\$(A\$,S,L)) will extract a sub-string from starting at S for a length of L characters. And finally, t And finally, the function DEF FNFIX(X) = SGN(X) \* INT(ABS(X)) is used to simulate the FIXcommand which is absent in our MICROSOFT implementation. The FIX command sets the number to an integer while preserving the sign of the original number. It also prevents peculiar results occurring if the argument is negative. FNFIX(-4.1) will evaluate to -4, without it you may get -5. Most of these functions came from an article by James E. Korenthal which appeared in Lifelines Magazine in March, 1982.

I recently found out (via SIG\*ATARI on CompuServe) that a new version of PASCAL will be coming out soon. It requires only 1 drive. It meets ISO standards and has many UCSD extensions plus special extensions to take full advantage of ATARI's special features. It will support the NEWELL FASTCHIP as well as RAMDISK. Sounds interesting... The price is slated to be \$79.95. Also, Synapse Software is working on TrendManager, a plotting and projection program that works with FileManager+ and VisiCalc DIF files. Michael Reichmann (publisher of Mapping The Atari) is writing BIZGRAPH, which will have much the same capabilities. These programs should fill the gap left by the absence of VisiPlot/VisiTrend. FileManager+ is in the process of being totally recoded into FORTH (yea!). This should greatly help the speed of this program. Anyone want to buy a (seldom) used copy of DATA PERFECT?

# CIN'TARI PROGRAM LIBRARY

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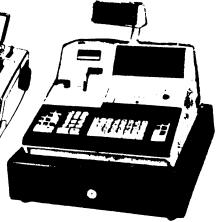


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